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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/700,285	11/03/2003	Katherine H. Cornog	A2000022D	4512

26643 7590 11/16/2005

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EXAMINER

COUSO, YON JUNG

ART UNIT PAPER NUMBER

2625

DATE MAILED: 11/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/700,285 ✓

Applicant(s)

CORNOG ET AL.

Examiner

Yon Couso

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 23 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) 12 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8-11 is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☒ Claim(s) 6 and 7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

1. Applicant's election without traverse of Group I, claims 1-11 in the reply filed on August 23, 2005 is acknowledged.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being e by Chow et al (US Patent No. 6,292,589).

As to claim 1, Chow teaches a method for generating a transition of a plurality of output images from a first sequence of images to a second sequence of images wherein an image at an end of the first sequence is not contiguous with an image at a beginning of the second sequence (column 8, line 23-column 9, line 15), the method comprising: for each output image, selecting a pair of a first image from the first sequence and a second image from the second sequence such that the output image has a point in time between the first image and the second image in the transition (column 9, lines 16-26); for each selected pair of first and second images, determining a set of motion vectors that describes motion between the first and second images (column 9, line 50-column 10, line 55); for each output image, calculating a factor that represents the point in time, between the first and second images selected for the output image, at which the output image occurs (column 10, lines 28-35); for each output image, performing motion

compensated interpolation to generate the output image according to the determined set of motion vectors and the calculated factor (column 10, lines 56-64).

As to claim 2, Chow teaches that the first sequence has associated audio and the second sequence has associated audio, the method further comprising: dissolving the audio associated with the first sequence to the audio associated with the second sequence (column 9, lines 27-36).

As to claim 3, Chow teaches that a combination of the output image and the first and second images provides an output sequence of images with a duration at playback different from a duration of an input sequence of images containing the first and second images at playback, and wherein the input sequence of images has associated audio with a duration, the method further comprising: adjusting the duration of the audio to match the duration of the output sequence of images (column 9, lines 14-36).

As to claim 4, Chow teaches a method for processing a jump cut from a first image at an end of a first segment of sequence of images and corresponding audio and a second image at a beginning of a second segment in the sequence of images and corresponding audio (column 8, line 23-column 9, line 15), comprising: processing the corresponding audio to identify an audio break between the audio corresponding to the first segment and the audio corresponding to the second segment (column 9, lines 16-36); determining a set of motion vectors that describes motion between the first and second images (column 9, line 50-column 10, line 55); and performing motion compensated interpolation to generate one or more images between the first image and

the second image according to the determined set of motion vectors at a point in time corresponding to the audio break (column 10, lines 56-64).

As to claim 5, Chow teaches dissolving the audio associated with the first sequence to the audio associated with the second sequence around the audio break(column 9, lines 27-36).

3. Claim 8-11 are allowed.
4. Claims 6 and 7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Eifrig et al, Griffiths, Hatano et al, Whitford et al, and Nguyen et al are also cited.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yon Couso whose telephone number is (571) 272-7448. The examiner can normally be reached on Monday through Friday from 8:30 to 5:00.

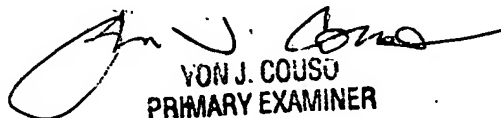
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached on (571) 272-7453. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2625

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YJC



VON J. COUSO  
PRIMARY EXAMINER

November 11, 2005